

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	294	(703/7).CCLS.	USPAT; USOCR	OR	OFF	2006/06/14 10:22
L2	225	I1 and simulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:22
L3	25	I2 and dynamic\$2 and kinematic\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:23
L4	16	("5576727"   "5625576"   "5642469"   "5754023"   "5802353"   "5880714"   "5898599"   "5987454"   "6005551"   "6046563"   "6046727"   "6075475"   "6084587"   "6111577"   "6131097"   "6283859").PN. OR ("7027965").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/14 10:51
L5	483	((700/25) or (700/28)).CCLS.	USPAT; USOCR	OR	OFF	2006/06/14 10:52
L6	151	I5 and simulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:52
L7	24	I6 and hybrid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 10:52
L9	17	I7 and dynamic\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:07
L10	997	((345/653) or (345/659) or (345/473)).CCLS.	USPAT; USOCR	OR	OFF	2006/06/14 11:07
L11	408	I10 and simulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:07
L12	37	I11 and dynamic\$2 and kinematic\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:08
L13	4	I11 and dynamic\$2 and kinematic\$2 and hybrid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:14
L14	137	(368/229).CCLS.	USPAT; USOCR	OR	OFF	2006/06/14 11:14

## EAST Search History

L15	15	I14 and simulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:15
L16	10	I14 and dynamic\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:15
L17	56	simulat\$5 same hybrid same three\$dimension\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:16
L18	16	simulat\$5 same hybrid same three\$dimension\$2 same dynamic\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:17
L19	426	simulat\$5 same kinematic\$2 and dynamic\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:18
L20	129	simulat\$5 same kinematic\$2 and dynamic\$2 and geometric\$3 and (animat\$3 or motion\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:19
L22	64	simulat\$5 same kinematic\$2 and dynamic\$2 and geometric\$3 and (animat\$3 or motion\$2) and transition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:19
L23	46	simulat\$5 same kinematic\$2 and dynamic\$2 and geometric\$3 and (animat\$3 or motion\$2) and transition and rotat\$3 and displac\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:25
L24	2297	hybrid same simulat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:25
L25	40	hybrid same simulat\$5 and (dynamic and kinematic\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:26

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L26	40	hybrid same simulat\$5 and (dynamic\$2 and kinematic\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:26
L28	13	hybrid same simulat\$5 and (dynamic\$2 and kinematic\$2) and transition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:28
L29	72	(dynamic\$2 and kinematic\$2) same simulat\$5 and transition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:28
L30	40	(dynamic\$2 and kinematic\$2) same simulat\$5 and transition and table	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:28
L31	33	(dynamic\$2 and kinematic\$2) same simulat\$5 and transition and table and variable\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:28
L32	25	(dynamic\$2 and kinematic\$2) same simulat\$5 and transition and table and variable\$2 and rotat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:29
L33	20	(dynamic\$2 and kinematic\$2) same simulat\$5 and transition and table and variable\$2 and rotat\$3 and displac\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 11:56
L34	12	simulat\$5 same hybrid same electromechanic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 12:01
L35	7	test\$3 same debug\$4 same electro\$mechanic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/14 12:02
L36	1	("5754023").PN.	USPAT; USOCR	OR	OFF	2006/06/14 12:25
S1	1	("5831853").PN.	USPAT; USOCR	OR	OFF	2006/06/14 10:22



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#2	((simulation and electromechanical and dynamic and kinematic )<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	0
#3	((simulation and hybrid and electromechanical )<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	0
#4	((debugging and testing and electromechanical)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	0
#5	((hybrid and dynamic and kinematic)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	30
#6	((hybrid and dynamic and kinematic)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	30
#7	((hybrid and dynamic and kinematic)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	30
#8	((hybrid and dynamic and kinematic)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	30
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#10	((hybrid and dynamic and kinematic)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	30
#11	((hybrid and dynamic and kinematic)<in>metadata)) <and> (pyr >= 1950 <and> pyr <= 2003)	30
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simulation AND (testing and debugging AND electromechanical)

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...Flight Research Center. **Simulation** benefits all phases...systems design and **testing**, and flight test support...envelope expansion. A **simulation** laboratory was established...support ground and flight **testing** of advanced research...relies extensively on **simulation** to support development...  
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3. [Techniques for the Design and Simulation of Running Robots \[PDF-460K\]](#)

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Techniques for the Design and **Simulation** of Running Robots by John Robert Ridgely...Berkeley 2001 Techniques for the Design and **Simulation** of Running Robots Copyright 2001 by...Abstract Techniques for the Design and **Simulation** of Running Robots by John Robert Ridgely...  
[\[http://www.calpoly.edu/~jridgely/research/jrrdiss.pdf\]](http://www.calpoly.edu/~jridgely/research/jrrdiss.pdf)  
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4. [Microsoft Word - ASE short 25 Jul.doc \[PDF-31K\]](#)

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...an algorithmic **debugging** framework for...Generalized Algorithmic **Debugging** and **Testing** method (GADT...valued and make the **simulation** models behave...associated to the **electromechanical** device **simulation** example is given...  
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5. [Oakland University Grad Catalog](#) [PDF-150K]

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...automotive mechatronic systems, robotics, machine vision, experimental stress analysis, heat transfer, fluid flow, system **simulation**, circuits and communications, control, mechanical and electrical properties of materials, solid-state devices and microelectronics...

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6. [ALGEMENE INLIGTING:](#) [PDF-357K]

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Jun 2001

Laboratory experiments and lectures focus on a design and construction project, such as an autonomous moving vehicle. Prerequisites: Credit or registration in either Math 120 or Calculus and Analytic Geometry, I., or Math 135 or Calculus.

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[[http://seasoasa.ucla.edu/Announcearchive/Announce03\\_04...](http://seasoasa.ucla.edu/Announcearchive/Announce03_04...)]  
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10. [Simulation and construction of a speed control for a DC series motor](#)

**Santana, J. / Naredo, J.L. / Sandoval, F. / Grout, I. / Argueta, O.J., Mechatronics**, Nov 2002

...other developments. The **simulations** have permitted the **testing** and the **debugging** of the speed control...constructed. For instance, the **simulations** have helped to establish...costs substantially. The **simulations**, when combined with experimental...

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11. [Seminar on Teacher Training in Informatics in Technical and Vocational](#)

[Training Informatics as a subject matter 1993](#) [PDF-110K]

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...executive and control mechanisms, and computer maintenance schemes: The activities in this area include system analysis and **simulation** at both the

hardware and software levels, machine organization and logical design, antivirus systems, computer diagnostic...  
[<http://unesdoc.unesco.org/images/0010/001037/103706E.pdf>]  
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12. [SSU Catalog 2001](#) [PDF-2MB]

Feb 2002

... Student Success Center · Placement **Testing** · Orientation 29 Fees and Financial Aid...International Programs · 351.3127 CLEP **Testing** · 351.3594 Clubs and Organizations ...Personnel, Staff · 351.3420 Placement **Testing** · 351.3594 Presidential and Trustee Affairs...

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13. [Safety - Directed System Monitoring Using Safety Cases](#) [PDF-581K]

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...from First Principles.....  
48 2.3.6 Qualitative  
**Simulation** .....  
51 2.4 FAILURE CONTROL AND CORRECTION...  
[<http://ftp.cs.york.ac.uk/ftpdir/reports/YCST-2000-08.pdf>]  
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14. [cat02-042ndEd.qxd](#) [PDF-2MB]

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ORAL ROBERTS UNIVERSITY A Christ-centered University for the education of the whole person . . . reaching out to every person's world with a message of healing, wholeness, and abundant living Editors Dr. Debra Sowell, Dean of Instruction Dr.

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15. [Testing Embedded - Core Based System Chips](#) [PDF-70K]

Jan 2000

**Testing** Embedded-Core Based System Chips Yervant Zorian LogicVision...challenges. Section 3 presents a conceptual architecture for **testing** such system chips, consisting of three structural elements...Test Challenges In this section, the main challenges of **testing** system chips are analyzed and compared to the traditional...

[<http://www.ra.informatik.uni-stuttgart.de/~rainer/Lite...pdf>]  
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16. [TABLE OF CONTENTS](#) [PDF-58K]

Jan 2002

...EASY5. On-line interactive **debugging** tools are available between the user and the **simulation** math models. Applications include laboratory design, **testing**, and rapid prototyping of...prototype ECU to a real-time **simulation** of the plant such that it...digital interface between the **simulation** computer and ECU. Typical...

[[http://0-ewh.ieee.org.csulib.ctstateu.edu/r4/se\\_michig...pdf](http://0-ewh.ieee.org.csulib.ctstateu.edu/r4/se_michig...pdf)]  
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17. [Monitoring, testing and debugging of distributed real-time systems](#)

**Thane, Henrik**, Jan 2000

...Thane, Henrik Title: Monitoring, **testing** and **debugging** of distributed real-time systems...real-time systems. Keywords Monitoring, **testing**, **debugging**, testability, distributed real-time...natural reasons led me to also consider **testing**, **debugging** and monitoring. That work gave fruit...

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...teamwork, written and oral communication skills, and uses computer tools (Electronic Workbench and MATLAB) for analysis and **simulation**. EGR 131 1 credit Introduction to Design .5 hours lecture, 1.5 hours laboratory For students not in the IMPULSE program, covers...

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**19.** [Engineering-C](#) [PDF-2MB]

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**20.** [PSR-16.PDF](#) [PDF-889K]

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..... 11 3.1.9.3

**Testing**.....

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3	INZZ	1 AND electromechanical	unrestricted	1	<a href="#">show titles</a>
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Searched the web for **hybrid and dynamic and kinematic and HCC**. Results 1 - 10 of about 24. Search took 0.34 seconds.

### Hybrid current-controlled VSI-IM drive

Z Cucej, P Cafuta, R Svecko - Advanced Motion Control, 2004 8th IEEE International ..., 2004 - ieeexplore.ieee.org

... responsible for the tracking of drive **kinematic** variables and ... Roughly, the **dynamics** of HCC are as follows, see ... assumed to start in a certain **hybrid** state, say ...

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### Simulation of a Rover and Display in a Virtual Environment - group of 3 »

A Sweet, T Blackmon, V Gupta - Proc. of the American Nuclear Society 8th International ..., 1999 - stratify.com  
 ... implementing a simple set of **kinematics** and **dynamics** ... including the rigid-body **dynamics**, power systems ... Hybrid CC and interval constraints." Proceedings of ...

Cited by 3 - [View as HTML](#) - [Web Search](#)

### Use of hybrid models for testing and debugging control software for electromechanical systems

K Kondo, M Yoshida - Mechatronics, IEEE/ASME Transactions on, 2005 - ieeexplore.ieee.org  
 ... with a three- dimensional **kinematics** simulator and a ... and A. Courtois, "Using **hybrid** concurrent constraint programming to model **dynamic** biological systems ...

[Web Search](#)

### A local coordinate system for assumed strain shell element formulation - group of 2 »

HCC Park, SWC Lee - Computational Mechanics, 1995 - Springer  
 ... Lee and Nan (1978) introduced the assumed strain **hybrid** formulation based on the ... excessively simple assumed strain field may trigger spurious **kinematic** modes. ...

Cited by 6 - [Web Search](#)

### [ps] Model-enabled control of hybrid systems - group of 2 »

S McIlraith, G Biswas, M Fromherz, J Howe, R Fikes ... - 1998 - ksl.stanford.edu  
 ... intents of neighboring aircraft, and **kinematic** models to ... modeling and analysis of **hybrid dynamic** physical systems ... by the declarative **hybrid** modeling, simulation ...

Cited by 3 - [View as HTML](#) - [Web Search](#)

### Impedance control for articulated robot of 6 degree-of-freedom inconsideration of critically damped ... - group of 2 »

F Nagata, K Watanabe, K Sato, K Izumi, T Suehiro - SICE'97. Proceedings of the 36th SICE Annual Conference. ..., 1997 - ieeexplore.ieee.org  
 ... Recently **Hybrid ComplianceForce Control (HCC)** methods4) were proposed ... Impedance Control From (I), the **dynamic** equation for a ... the same way as **HCC**, considering a ...

Cited by 7 - [Web Search](#) - [BL Direct](#)

### [book] Simulating and Generating Motions of Human Figures - group of 2 »

K Yamane - 2004 - books.google.com  
 ... A foundation for **dynamic** modeling of complex **kinematic** chains is established and original methods for interactive generation of human figure motions are ...

Cited by 3 - [Web Search](#) - [Library Search](#)

### MBO (N) D: A multibody method for long-time molecular dynamics simulations - group of 2 »

HM Chun, CE Padilla, DN Chin, M Watanabe, VI ... - Journal of Computational Chemistry, 2000 - doi.wiley.com

... This results in the use of larger integration step sizes, substantially reducing the computational time required for a given **dynamic** simulation. ...

Cited by 22 - Web Search - BL Direct

### An Experiment on Force Control Using Fuzzy Environment Models

F Nagata, K Watanabe, K Sato, K Izumi, S Akama - Procs. of the 4th International Symposium on ArtificialLife ..., 1999 - fmv5.fitc.pref.fukuoka.jp

... Forward **Kinematics** ... ASME Journal of Dynamic Systems, Measurement and Control, vol. ...

K. Ioi, N. Kubota and O. Noro: Application of Hybrid Compliance/Force Control ...

Cited by 1 - View as HTML - Web Search

### Investigating the Reaction Dynamics of Dicarbon Molecules, C

X Gu, Y Guo, AM Mebel, RI Kaiser - Molecules - chem.hawaii.edu

... These **dynamics** result in forward-scattered contour plots of the heavy ... C 3 H radical and about 25 % more abundant than the ethynyl radical (HCC; X 2 Σ + ). ...

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## Web

Results 1 - 10 of about 242 for **hybrid and dynamic and kinematic and HCC**. (0.63 seconds)

### Scholarly articles for **hybrid and dynamic and kinematic and HCC**

- [Impedance control for articulated robot of 6 ...](#) - by Nagata - 7 citations
- [Model-enabled control of hybrid systems](#) - by McIlraith - 3 citations
- [Simulation of a Rover and Display in a Virtual Environment](#) - by Sweet - 3 citations

#### [PDF] [Simulation of a Rover and Display in a Virtual Environment ...](#)

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simplified **kinematics** and **dynamics** for the rover, in order to test the software ... An **HCC** simulation is first created as a text file with the model to be ...

[www-cs-students.stanford.edu/~vgupta/publications/rover-ans99.pdf](http://www-cs-students.stanford.edu/~vgupta/publications/rover-ans99.pdf) - [Similar pages](#)

#### [Earthquake Physics: Seismicity and Source Process Posters ...](#)

The results from Model A and B are consistent with **kinematic** rupture model. ... Alaska

(Mw=7.9) Using **Hybrid** Blind Deconvolution Method Boi-Yee Liao and ...

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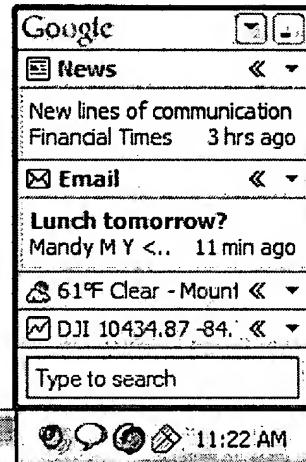
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